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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO
09/943,896	08/31/2001	Rudolf M. Bolle	YOR9-2000-0609 US2	2094
7:	590 03/07/2005	EXAMINER		
IBM CORPO	RATION	COUSO, YON JUNG		
INTELLECTU B.O. BOX 218	AL PROPERTY LAW	ART UNIT	PAPER NUMBER	
	HEIGHTS, NY 1059	2625		

DATE MAILED: 03/07/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

		Application	n No.	Applicant(s)				
Office Action Summary		09/943,89		BOLLE ET AL.				
		Examiner		Art Unit				
	-	Yon Cou	so	2625				
	The MAILING DATE of this communication				ress –			
Period fo	or Reply							
THE - Exte after - If the - If NC - Failu Any	ORTENED STATUTORY PERIOD FOR REMAILING DATE OF THIS COMMUNICATIOnsions of time may be available under the provisions of 37 CF SIX (6) MONTHS from the mailing date of this communication experiod for reply specified above is less than thirty (30) days, at period for reply is specified above, the maximum statutory period for reply within the set or extended period for reply will, by streply received by the Office later than three months after the need patent term adjustment. See 37 CFR 1.704(b).	ON. FR 1.136(a). In no even. a reply within the statueriod will apply and wittertute. Cause the apply	nt, however, may a reply be tim tory minimum of thirty (30) days I expire SIX (6) MONTHS from cation to become ABANDONE	nely filed s will be considered timely, the mailing date of this con O (35 U.S.C. § 133).	nmunication.			
Status								
1) 又	Responsive to communication(s) filed on 3	31 August 2001.						
·	<u> </u>	This action is no						
,—	•—			secution as to the	merits is			
٠,ڪ	Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213.							
Dispositi	ion of Claims							
•	Claim(s) <u>1-37</u> is/are pending in the applica	tion						
-	4a) Of the above claim(s) is/are withdrawn from consideration.							
	Claim(s) is/are allowed.							
	6) Claim(s) is/are allowed.							
·	· · · · · · · · · · · · · · · · · · ·							
•	Claim(s) <u>1-37</u> are subject to restriction and	I/or election req	uirement.					
Applicati	ion Papers							
	·	miner						
9) The specification is objected to by the Examiner. 10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner.								
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).								
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).								
11)	The oath or declaration is objected to by the	•	-,,		- ,			
Driority (ınder 35 U.S.C. § 119							
•	•	aina asiasibu ua	lor 25 I I C C C 440(a)	(d) or (f)				
,	Acknowledgment is made of a claim for fore All b) Some * c) None of: 1. Certified copies of the priority documed Certified Certified Copies of the priority documed Certified Cert	nents have beer	n received.					
	Copies of the certified copies of the papelication from the International Bu	priority docume	nts have been receive		Stage			
* 8	See the attached detailed Office action for a	•		d.				
Attachmen			_					
1) Notice of References Cited (PTO-892) 4) Interview Summary (PTO-413) Paper No(s)/Mail Date								
	e of Draftsperson's Patent Drawing Review (PTO-948 mation Disclosure Statement(s) (PTO-1449 or PTO/SE		5) Notice of Informal Page 1		152)			
Paper No(s)/Mail Date 6) Other:								

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1. Restriction to one of the following inventions is required under 35 U.S.C. 121:

- Claims 1-24, drawn to image enhancement process, classified in class
 382, subclass 254.
- II. Claims 25-37, drawn to image learning process, classified in class 382, subclass 155.

The inventions are distinct, each from the other because of the following reasons:

Inventions I and II are related as combination and subcombination. Inventions in this relationship are distinct if it can be shown that (1) the combination as claimed does not require the particulars of the subcombination as claimed for patentability, and (2) that the subcombination has utility by itself or in other combinations (MPEP § 806.05(c)). In the instant case, the combination as claimed does not require the particulars of the subcombination as claimed because combination does not require the specifics taught in the subcombination. The subcombination has separate utility such as neural network.

Because these inventions are distinct for the reasons given above and have acquired a separate status in the art as shown by their different classification, restriction for examination purposes as indicated is proper.

2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Yon Couso whose telephone number is (703) 305-4779. The examiner can normally be reached on Monday through Friday from 8:30 to 5:00.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bhavesh Mehta, can be reached on (703) 308-5246. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

YJC

March 7, 2005